

SEQUENCE LISTING

<110> FREEDMAN, JONATHAN H.  
LIAO, VIVIAN H.C.

<120> STRESSOR REGULATOR GENE

<130> 1579-315

<140> 09/437,450

<141> 1999-11-10

<150> 60/109,281

<151> 1998-11-20

<160> 72

<170> PatentIn Ver. 2.1

<210> 1

<211> 165

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 1

tttttttttt ttttccaacc ctttcacata ataggcggaa aaccgattgt tgctgttact 60  
tggtgtgtg tttattccct gacctatcca tattcccttc ttccaatct ctaaagatat 120  
acctgaaaac gagtttttg aatacttgat acatttgtct tcac 165

<210> 2

<211> 154

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 2

tggattgtgc ggggtgtact gccaaagtctg gtcgtgatag aaaacatcag gcgatcatgc 60  
ctttacgtgg taagatcctg aacgtcgaaa agcaatggaa cataagatct acgaaaatga 120  
ggagatcaaa aacatgttta cagctttggt ccta 154

<210> 3

<211> 264

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 3

tggattgtgc ggagtataag caaaaatttc tggaaaagtc gggatgatg aagtttgata 60



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agatcttcaa tcaaaagctc ggtttcttgt tgttaaaaga ttccgcagga aaatgtctcc 120
gagagtccgt gtcctcaa at taaattctac gaggcgatca aagaatacga gaaaatggag 180
acaccagatg agcgattaac aaaagcacga gaaatttatc gatcatcata tacggttgaa 240
ttccgtcgcg caatcgtcac actc 264

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<210> 4
<211> 187
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Probe

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<400> 4
aaatttttat taaaataaaa taaacatggt tttgttgata ttatagcggt aaagctgaaa 60
tgacaatgat tagaaaacca gcagagaata gagatgatgt tcctttcggt gttgtttcca 120
gtgaacactt gttgcggtgg agcccgtatt tagcgagtgg tagtttttga tgtgattggt 180
tccaatc 187

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<210> 5
<211> 267
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Probe

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<400> 5
tgggtactcca cctacaagtt ctacaagttc tacgaggttg tctgatcga tccattccac 60
aaggctatcc gtcgtaaccc agacacccaa tggatcacca agcctagttc acaagcaccg 120
tgagcaaaga ggactcacct ctgctggacg caagtctcgt gactcggaaa gggattgctt 180
ttctctgcta cccgcggagg atcccaacac caaagttttt ccaccgcca accgataaat 240
cttgttatct tattttggtt tgggttt 267

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<210> 6
<211> 292
<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Probe

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<400> 6
tttttttttt ttttcccaac cccttcacat aaaggcggaa aaccgattgt tgctgttact 60
tggtgttggt gtttattccc tgaggtatcc atattccgct tctcccaatc tctaaagata 120
tacctgaaaa cgagttgtcg tcgaaatact tgatacatgt tgtcttcacg ctggtgtatg 180
ttgtttcgca aattcttcat actagttatg ataggatttg aatgagctgg cagagtgcaa 240
ctttgaactc gaatttcaat attttcgtga tcctgcatta agtgatgaat aa 292

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<210> 7
<211> 314
<212> DNA
<213> Artificial Sequence

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<220>

<223> Description of Artificial Sequence: Probe

<400> 7

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gattttgatg atttggctcg ccgtttcgaa gaactgaaaa agattaagta atcatcacc 120
gacgttccat tccttattaa ctatttggtt ctcttcacc caattttttt ttcacgtgtc 180
tttttttgta tcataaatga gacccccaaa aactagctgt ttcttagtgc atacgttaaa 240
acccttttag tcattgatta tcattgtata cctcattatc cgaaaaacct ttcgacattc 300
atcaactagg tttt 314
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<210> 8

<211> 189

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 8

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tctgagctag ggaccgaaat tcacaaatat ccaattgtta ctggatggtg gggatgtgga 60
cgatttaatg gggacaagcc actgaagtgt atgttatttc attcgtaaa tatgaagatg 120
gaggagagtg aatggggatt ttgcttcttt tgcaaaatgg cctccctatg tacctgaaaa 180
aaaaaaaaa 189
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<210> 9

<211> 171

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 9

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tctgagctag gaaaggacgg agaagatgga gagaacggag ctgctggagc cgctggacca 60
aagggatctt gcgaccactg cccaccacca cgcactcccc aggatattaa ttcacttctc 120
tctaatttta gtgaatctca ttctaataaa aagccgcccc aaaaaaaaaa a 171
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<210> 10

<211> 289

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 10

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tttttttttt tttgagcgag cgtttattat ttgagtcgag cttgggttga gtcgtcagct 60
gaacatgaag attgacaaag aagacgatca gcagcaacag atgcgcagag tcgcattctt 120
tgcggttgct gtctcaactg cagccgtcat ttcaagcatc gtgactctcc caatgatcta 180
ctcttactct tcaatctttc caatcccatt tgatcattgg aaaccgagtt ctgtaaaact 240
gtgctcgtga tatgtggtgt cgaagttctc cacaagtcag gtgtaccct 289
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<210> 11  
<211> 162  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 11  
ctccaccgca acaagtgttc acgtggaaac aacaacgaaa ggaacatcat ctctatctct 60  
gctgggttttc taatcattgt catttcagct ttaacgctat aatcaacaaa aacagttttat 120  
tttatttttaa taaaaattta ttcgtgcaaa aaaaaaaaaa aa 162

<210> 12  
<211> 140  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 12  
tagggcctgg ttgtgacaat gtgcactaaa atggggcatg aatatcacca gcagagttca 60  
cttaccctaaa gtgtacttat taagagtcaa ctgtgaagta tatgagacat ttcagttgcc 120  
tgcccaaaaa aaaaaaaaaa 140

<210> 13  
<211> 308  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 13  
tagttaggca caggatgtac gaggaattc tactattttc gggctctcacc acgaaatcac 60  
aataaccgga atttttttagt ggtcccgca cggtgacctt ctggcgcgtc aggcactccg 120  
ccgcgacatt cgccgacacg cctacaatcc acgtgtcaat cgtcagattt gcggatcaat 180  
aatgggtgatg aaagggtggaa atacgtatat ggatcatgtt caaaggcatc aagctgaaca 240  
attcgaagag ttgaatcggc gtcgacactt ttgatccaag accgtaagaa atttgaaagc 300  
tattggtg 308

<210> 14  
<211> 238  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 14  
tttttttttt ttttggggag gaaatcacgg cttcggatgc aacagtcttc tctcaattgg 60  
caactgtcta ttatccattc cgcaatcaca tttcggatgt tctcgaaaag gacttcccaa 120

agttattgga gtactgtgaa agagttcgtc atgaagtta cccaaaggac tttactatgt 180  
gaattaaatt gtcaaactag tagtcagatc aataaaattt tccgcgcgaa aaaaaaaa 238

<210> 15  
<211> 324  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 15  
tagttaggca caggatgtac gaggaattc tactattttc gggctctcacc acgaaatcac 60  
aataacccgg attttttagt ggtccccgca cgttgacctt cttggcgcgt caggcactcc 120  
gccgcgacat tcgccgacac gcctacaatc cacgtgtcaa tcgtcagatt tgcggatcaa 180  
taatgggtgat gaaagggtgga aatacgtata tggatcatgt tcaaaggcat caagctgaac 240  
aattcgaaga gttgaatcgg cgtcgacaac tttttgatcc aagaccgtaa gaaatttgaa 300  
agctattggt gaaaaaaaaa aaaa 324

<210> 16  
<211> 272  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 16  
tggtagtcca cgcagaaaga agaagggtcat ccacaacacc gctactaccg atgacaagaa 60  
gcttcaaagc aatttgaaga aactctctgt caccaacatt ccaggaatcg aggaggtcaa 120  
catgattaag acgatggaac cggtatccac ttcaacaacc caaaagtcta aacctctgtt 180  
cccagccaat accttctctg tcacaggatc agccgataac aagtcagatc actgaaatgt 240  
ctcccaggga atgctgaact ggtcagagtc ct 272

<210> 17  
<211> 218  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 17  
tttttttttt tttcgacaag cggggactaa aagcaagctt ttcattccacc gatgatacaa 60  
ggcgttttta gtaccttagg atcgactgac ccacatccaa ctactgttcc acgtggaacc 120  
cttctccact tcagtcttca aggatcgaac ttgaatatct gctactacca tacgatctgc 180  
actgacggaa agtccagccg agcctacctc atagttaa 218

<210> 18  
<211> 238  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 18

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tttttttttt ttttgccggg cgggtgtgtac aaccggcagg gacgtaatca acgtgagctg 60
atgactcgcg cttactaggc attcctcggt taagggcaat aattacaata ccctatcccc 120
gacatggaag aatttcaacg gtttaccgat acctttcaac acgggaaaac taccgggttg 180
gacaccatta ggactgacag attgaaagtc tttgtcgatt tgggtggttg ttgtgcat 238
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<210> 19

<211> 253

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 19

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tagggcctgt tggttgatgc ttgtccggcg cagttctgtc tgcttgatac ttcggggttg 60
tgccggacta gtgattgtgc ttcttgcgga cegtttctgg tgtgtgcttg gacctcggtt 120
ctagtatcct gatcgctcat ctatcaaccg tactgtaacc ggtacgactc agggaatccg 180
actgtctaataaaaacagag gtgacagatg gtccttgccg acgttaactg tcactgattt 240
ctccccagtg cac 253
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<210> 20

<211> 277

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 20

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tttttttttt tttggggggg gcggtgtgta caaagggcag ggacgtaatc aacgtgagct 60
gatgactcac acttctaggc attcctcggt taagggataa attacaatac ccatccccga 120
catggaagaa tttcaacggt ttaccgatac cctttcggca acacgggaaa actcaccg 180
tccggacacc attaggactg acagattgaa agctctttct cgatttggtg gttggtggtg 240
catggccggt cttagtgtgt ggagtaccaa tcactag 277
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<210> 21

<211> 216

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 21

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tagcaagtgc ggagacaaat gtgaatgcag tggagacaag tgttgtagaga agtactgctg 60
tgaggaggcc agtgagaaaa aatgctgtcc agctggatgt aaggaggact gcaagtgtgc 120
aaactgtcat tgtgcagagc agaagcagtg cgagacaaga cccatcaaca ccagggaact 180
gctgcggctc attaaaatgt ttcagagttg aatcta 216
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<210> 22  
<211> 356  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 22  
caatcgatga gtatcctcgt acaattaatg catgatgcaa ttggaaatat tccgaggtag 60  
gtaaaacggg gaacatcacg agatagatga atacagcgga tatcatatag gcacgcagaa 120  
tatcaataaa attttcaa at tttcaaaata tcataacgat tataacacgt agcagggaat 180  
tttaaagcca ctgaaataaa tatagaataa tatatacaga cacacacaat ctagatttca 240  
gaacattttc agtaacgacg tttgaacttt tttgaagatt tcgccgagcc tttgatcact 300  
tttgcagtca caacttccac aactttcttt tctctctctt cctctacatc gattgc 356

<210> 23  
<211> 199  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 23  
taaactctat gtttatttgt tttttcaa at ttcaaattga aaattgaaac tttcaatttg 60  
attagagtct ttgtggtttg actccttttt ttcatgtaac atcttttacg tacgtcatac 120  
ttttgtatac acatttacaa atgttggttt gtaattatat gtaacaaatt tctatgtaca 180  
cctcatctca tctctctat 199

<210> 24  
<211> 326  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 24  
cgtctccctt ttttacttac ttgtagggtc gtcttgtcaa ttgtacgtac ttatatttag 60  
caaacctctg gtgttacctc tgcttttttg taaaatttgt tacacacttt ctttttggca 120  
gtaaaagtgt tttagcacac ttttaacactc tgccactacc aaggtaatag tgagcccatc 180  
gaggttttat aaatgtcctt gatagtttaa agtggttgag gatcgagcta ctttggtagt 240  
ggaaagccgt gtttcttgtc ttgttttggt cgatgattta cccaactatt tgatattttg 300  
atttaccgga ttatataata cacc 326

<210> 25  
<211> 147  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Probe

<400> 25  
 tggcaatata cctagaaaga gtaaatatta tgacgtggca ataatacaga agcagtccga 60  
 actacaactc acgaaacatt ttgaaagttt acctcttgat ttcttttgaa tgttttgtct 120  
 cacacaataa agaaaattct accgtac 147

<210> 26  
 <211> 285  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Probe

<400> 26  
 cgtggcaata cacagaatat acacattgag atgggttcgaa tggcaaagag aaggtggtgg 60  
 ctaatcattc tatatagcac aacgccaaat ataatttcga tgtggcggaa tttgtgatgg 120  
 tgaatggaat taacaaaatt ttctaaacgt cttcattccg agtaattttt cgttttccct 180  
 ccacttttcg atttatattg ttttcttaga aaaagtattt attgcatcgg gtgctcattg 240  
 tctttgtgta gaataaaac tcgttcactt cccaaaaaaa aaaaa 285

<210> 27  
 <211> 216  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Probe

<400> 27  
 tagcaagtcg gagacaaatg tgaatgcagt ggagacaagt gttgtgagaa gtactgctgt 60  
 gaggaggcca gtgagaaaaa atgctgtcca gctggatgta agggagactg caagtgtgca 120  
 aactgtcatt gtgcagagca gaagcagtgc ggagacaaga cccatcaaca ccagggaact 180  
 gctgcggctc attaaaatgt ttcagagttg aatcta 216

<210> 28  
 <211> 142  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Probe

<400> 28  
 gtgctggagt tgtttgtatt tcagaataaa taaaataaaa tatgatttga gtagaatatt 60  
 aaaataaagt cttcacatt aaattatcaa ttgcttggcc tcgaatatct tccagctggt 120  
 gattgcattc gttcattcct tc 142

<210> 29  
 <211> 84  
 <212> DNA  
 <213> Artificial Sequence

<220>



<223> Description of Artificial Sequence: Probe

<400> 29

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tagcaagtgc ggagacaaat gtgaatgcag tggagacaag tgttgtgaga agtactgctg 60
tgaggattcc agtgagaaaa aatc                                     84
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<210> 30

<211> 217

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 30

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tagcaagtgc ggagacaaat gtgaatgcag tggagacaag tgttgtgaga agtactgctg 60
tgaggaggcc agtgagaaaa aatgctgtcc agctggatgt aaggagact gcaagtgtgc 120
aaactgtcat tgtgcagagc agaagcagtg cggagacaag acccatcaac accagggaac 180
tgctgcggct cattaaaatg tttcagagtt gaatcta                             217
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<210> 31

<211> 292

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 31

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tggtactcca cacggacaaa tacatttagt tttacaagcc gccacgcgac acgcaacgcc 60
gtaaatctac caaggtacaa caacaacatg tcaagcacag acccatatct tatttgtgcg 120
gaacgagatg gcctctactg tagtaatcga caattggact cttatccacc ggatcactta 180
acctattttg atattaatat tcctattggg atcacagggt ttgcccgaac atgtaattat 240
gaactgaatt gaaatgtatt ataaattagt ttttattggg aaaaaaaaaa aa          292
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<210> 32

<211> 188

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 32

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tataggttaa gtgatccggt ggataagagt ccaattgtcg attactacag tagaggccat 60
ctgcttccgc acaaataaga tatgggtctg tgcttgacat gttgttggtg taccttgggt 120
agattttacg cagttgcgtg tcgttggcgg cttgtaaaac taaatgtatt tttccgtgtg 180
gagtacca                                     188
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<210> 33

<211> 289

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 33

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tttttttttt ttttgtacat tatggcaaat ggaggcactg tctggttccg tgggggtcatg 60
gtgcattgga tcatgggtata tcctatcctg gcttctaata ccaatgcgtt tacagtcattg 120
tgggcttgaa cgggcctagc tgagcttgga caaagttcct tgacagtacg ggtcgacaag 180
cttgacagtc agaaattagg cacttggtggg ctacaggtgc tcgtaattat tttgagagtt 240
ctgggcttcc ggacttttac taggctaata taagacaact gggctctaa 289
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<210> 34

<211> 214

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 34

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aatcatggc ggcgatgca acagtcttct caattggcaa ctgtctatat cattccgcaa 60
cacatttcgg atgttctcga aaaggacttc ccaaagttat tggagtactg tgaaagagtt 120
cgtcatgaag tttcccaaag gactttacta tgtgaattaa attgtcaaac tagtagtcag 180
atcaataaaa ttttacgtgg aaaaaaaaaa aaaa 214
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<210> 35

<211> 322

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 35

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tagtgaccg tagagaagcc cagatattta aaatctaaag ggaaactgtt tgaccagaag 60
attagagccc agttgtctta gatagcctag taaaagtccg gaagcccaga actctcaaaa 120
taattacgag cacctgtagc ccacaagtgc ctaatttctg actgtcaagc ttgtcgaccc 180
gtactgtcaa ggaactttgt caagctcagc taggcccggt caagcccaca tgactgtaaa 240
cgattcggga ttagaagcca ggataggata tccatgatcc aatgcacat gaccacgga 300
accagatgtg ctcatcatat ag 322
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<210> 36

<211> 228

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 36

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tttttttttt tttccccatt catcacacac tatcatgttt tatattcaga cctattacct 60
gtccagaaaa actgagctga aaaaatcccg gacgagcagc tccttcacat tcaaaatctt 120
ccatcatatt cccactcaat tcatttgttt tgtctttgat tttcaaattt tttgccttat 180
tattttattg ctaaattaag aaaactgtta ctttgcaaaa aaaaaaaaa 228
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<210> 37  
 <211> 255  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Probe

<400> 37  
 atcattcaag aaagctatta tcagaaaaca taaatgacat agatcaagtg taaatcacat 60  
 atatataaag tggataaata tatatagtta aacgggataag gaaattaatt aatgaatttt 120  
 gaaactggca gcgaaggatg aacagggaaa ggcacatgtt aaaataaatg aatgtgtata 180  
 atttcgtgaa gagtttagtta tgtaggtga tggcagccat gcagaatgag ccattgttcc 240  
 gaaaaaaaaa aaaaa 255

<210> 38  
 <211> 433  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Probe

<400> 38  
 tggactaag ggccaataac tgagcttttg cacggcggca tcaatgataa agagaaacta 60  
 tttttgacgg ttaaaataac caaatttaca ccggcgagtc aatcaaaaat tctcatctgg 120  
 aacagcaaag tacatcggag aattgctgga aggaagcact gatgaaacta aattaactgc 180  
 tggatgcata ggaaaaacgt caagattgac gtggagttgg agagaaggac tatgtttgga 240  
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 ttctttttta cttcttttct tctgaattaa ttgtgtttta aggcgaaattc tatgtttcag 360  
 aattttattta cgtttgcttt ttcatgttta attgtaaaag taagcaattt ttccaccgta 420  
 aaaaaaaaaa aaa 433

<210> 39  
 <211> 933  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Probe

<400> 39  
 catgcacatt tttttttttt ttttttttta ctgtctcaag tatgttggat tcatgtttga 60  
 ttattactgc tgcgctgttt ggagccgctg tcatttactt gaaaaatttc ttcactgttc 120  
 ctgacatata accaaaacct gatattcaca aaaaagacta caaaaaggat gtagtctatc 180  
 tgtatcatag gaagagactc aagaactgtc cgaacttgct ccctttctgc atgaaaatcg 240  
 agattctttg tagaatcttc aagattcctt acgagattat cacatgcacc tctgaacgct 300  
 ctcggaatgg attggtccct ttcgttgaac tcaatggaga gcacattgct gattctgatc 360  
 ttatcgaaat gcgcttgaga tcacatttta aaattccgtc gcttccaact gagctggaaa 420  
 ctcaatctgt tgctctaagc aagtttgcag atcaccattt gttcttcgta cttatacgat 480  
 ttaaaattgc tgtcgacgaa ttctacaaaa ccattatcga aataatcggt ctcccaacct 540  
 tcctgaattt ccttctcatg ccccttttga aggctataat cgggaaaaat gtctacaaca 600  
 aatgtcaggg agccattgga gatattgaat tgagttagct cgacgagatt cttcacagag 660

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atttgcgaa  cgtagagaac  accttggcca  agaaaaagtt  tcttttcggg  gaggaaatca  720
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<220>  
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<223> Description of Artificial Sequence: Probe

<400> 43

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<211> 284

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

<400> 44

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<211> 214

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Probe

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<223> Description of Artificial Sequence: Probe

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<220>
<223> Description of Artificial Sequence: Probe

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<220>
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atataaacgt tgtcttaatt tatatatgac gttctctatg aatatagcca aaatgatcga 180
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<220>
<223> Description of Artificial Sequence: Probe

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aaattgtcaa actagtagtc agatcaataa aattttc 217

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<210> 51
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<212> DNA
<213> Artificial Sequence

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<220>

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<223> Description of Artificial Sequence: Probe

<400> 51

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aagtatataa ttcctccaac aagctactgc atgtccttgt actacaatct tctccgacgg 180
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<211> 254

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Probe

<400> 52

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tttcgaaaaa atgtccataa aaagtgttga atgacttttg ttcattctga agcatacata 180
cgatcgaaac ggagaaatcg atagatcgaa tcaggataag tggggatact gtattgtcgg 240
atgaaaacat agac 254
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<212> DNA

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<223> Description of Artificial Sequence: Probe

<400> 53

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aggtgaccgt 10
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<210> 54

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<400> 54

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ggtactccac 10
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<210> 55

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<400> 55

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<210> 56

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<223> Description of Artificial Sequence: Probe

<400> 56

ccgaaggaat

10

<210> 57

<211> 10

<212> DNA

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ggattgtgcg

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<210> 58

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<210> 60

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<400> 64

tggattggtc

10

<210> 65

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<223> Description of Artificial Sequence: Probe

<400> 65

ctttctaccc

10

<210> 66

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<223> Description of Artificial Sequence: Probe

<400> 66

ttttggctcc

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<210> 67

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<400> 67

ggaaccaatc

10

<210> 68

<211> 10

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Probe

<400> 68

aaactccgtc

10

<210> 69

<211> 10

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<223> Description of Artificial Sequence: Probe

<400> 69

tcgatacagg

10

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<400> 70  
tggtaaaggg 10

<210> 71  
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<400> 71  
tcggtcatag 10

<210> 72  
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<400> 72  
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